

Remediation/Capping at other Superfund Sediment Sites

a. Onondaga Lake, NY

- i. In 2007 the Federal Court approved an agreement requiring Honeywell International Inc. (the successor to Allied-Signal Inc.) to remediate the contaminated sediments in the bottom of the lake. The plan involves dredging contaminated sediments, capping approximately 580 acres of lake bottom sediments, and restoring habitat. Under the direction of NYSDEC, Honeywell is currently working in cooperation with a team of scientists, engineers and federal, state and municipal leaders on designs for the restoration of the lake, including a dredging strategy, a sediment containment area and wastewater treatment. The plan calls for approximately 2 million cubic yards of sediments to be hydraulically dredged from the bottom of the lake and piped to a sediment consolidation area in Camillus, NY.

<http://www.dec.ny.gov/chemical/8668.html>

b. Hudson River, NY

- i. Phase two requires the EPA and General Electric to dredge 2.4 million tons of sediment from the most polluted parts of the river, over a 40-mile stretch of the Hudson between Fort Edward and Troy. The long-delayed recovery is expected to take five to seven years.

<http://www.thirteen.org/metrofocus/2011/11/four-toxic-rivers-a-super-sad-true-superfund-story/>

c. Lower Duwamish Waterway, Washington

- i. Proposed Plan for Cleanup:
- ii. For RAO 1 (Protection of human health via ingestion of seafood),
 1. Dioxin/Furan PRG was set at 2 ng TEQ/kg dw (natural background).
 2. Dredge or partial-dredge and cap approximately 84 acres of more highly contaminated sediments (see Section 10.2) where it is necessary to maintain water depth for human use or to maintain habitat. Approximately 790,000 cubic yards of dredged materials will be transported via truck or rail for disposal at a permitted upland off-site landfill facility.¹³ If sediment contamination is 4 feet thick¹⁴ or less in an area selected for dredging, all contaminated sediments will be dredged. If contamination is greater than 4 feet thick, sediments will be partially dredged and capped.

<http://yosemite.epa.gov/r10/cleanup.nsf/sites/lduwamish>